



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3910-1**Job Sheet 202627****Part No:** D3910-1**Job Qty:** 40 pcs**Part Name:** Crosstube Lug**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 10/31/19**Job Tracking No:****Due Date:** 11/28/19**Created By:** Marie Lajeunesse**Type:** Stock**Description:****Note:** D3910 REV.E IPP REV:C 18.02.02 REMOVE FINISH DD VERF:JFS**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	40 pcs	11/28/19	11/28/19	0.00	0.00	Purchasing - 1	5	DP NOV 04 2019
							Purchasing - 2	5	
							Purchasing - 3	5	
120	Packaging 2-1 - Receive - B4B	40 pcs	11/28/19	11/28/19	0.00	0.00	Packaging 2 - 1 - B4B		DP NOV 04 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		

**Container No:** S229293**Part:** D3910-1**Job No:** 202627**Serial No/Batch:** S229293**Revision:** E**Inspector:****Exp Date:****Instructions:** Various STC's

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/04/19

						B4B	
						Packaging 2 - 21 - B4B	
						Packaging 2 - 22 - B4B	
						Packaging 2 - 23 - B4B	
						Packaging 2 - 24 - B4B	
						Packaging 2 - 25 - B4B	
						Packaging 2 - 26 - B4B	
						Packaging 2 - 27 - B4B	
						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	
						Packaging 2 - 30 - B4B	
						Packaging 2 - 31 - B4B	
						Packaging 2 - 32 - B4B	
						Packaging 2 - 33 - B4B	
						Packaging 2 - 34 - B4B	
						Packaging 2 - 35 - B4B	
						Packaging 2 - 36 - B4B	
130 QC 6	40 pcs	11/28/19	0.00 0.00	QC 6 - 9			
				QC 6 - 68	DAS	NOV 19 2019	
				QC 6 - 61	81		
				QC 6 - 40	9-89		
				QC 6 - 81			
				QC 6 - 81			
180 Packaging 3-1 - Stock - B4B	40 pcs ✓	11/28/19	0.00 0.00	Packaging 3 - 1 - B4B			
 NOV 21 2019				Packaging 3 - 2 - B4B			
				Packaging 3 - 3 - B4B ✓		ST523	
				Packaging 3 - 4 - B4B			
				Packaging 3 - 5 - B4B			
				Packaging 3 - 6 - B4B			
				Packaging 3 - 7 - B4B			
				Packaging 3 - 8 - B4B			
				Packaging 3 - 9 - B4B			
				Packaging 3 - 10 - B4B			
				Packaging 3 - 11 - B4B			
				Packaging 3 - 12 - B4B			
				Packaging 3 - 13 - B4B			
				Packaging 3 - 14 - B4B			
				Packaging 3 - 15 - B4B			
				Packaging 3 - 16 - B4B			
				Packaging 3 - 17 - B4B			
						Plex 10/31/19 12:44 PM Dart.lajeunesse.marie	

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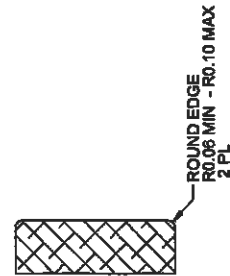
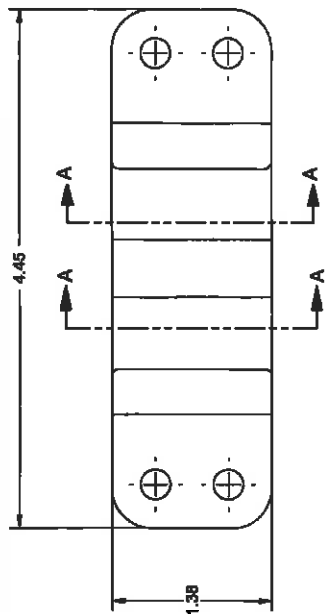
NOV 21 2019

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190 QC 21 - SA	40 ✓ pcs	11/28/19	0.00 0.00	QC 21 - SA - 21 ✓	GT 523
				QC 21 - SA - 70	
				QC 21 - SA - 53	
Part Op 110 - ISSUE PO TO METEC, NOTE ALODINE AND PAINT AS PER QSI 005 Descriptions: 120 - (Receive & Inspect for Damage & Mat'l Certs) Ensure C of C is attach 130 - (QC6- All purchased or subcontracted products) 180 - (Identify as per dwg & Stock Location: _____) 190 - (QC21- Final Inspection - Work Order Release) POHBOYU964 x 40 31 Oct 2019 <i>plus</i>					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
D2423	Lug Extrusion	5,2000 ft (.13 ea)	110-Purchasing	5187667	
D3910-1P	Crosstube Lug	40 pcs (1 ea)	110-Purchasing	5229291	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
110-Purchasing	D2423	5	364	0	
	D3910-1P	40	0	0	

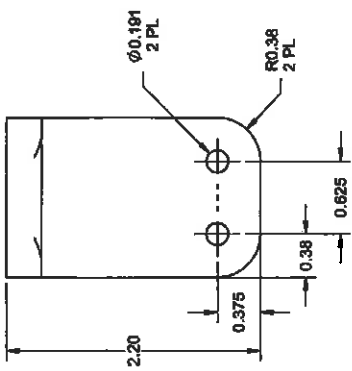
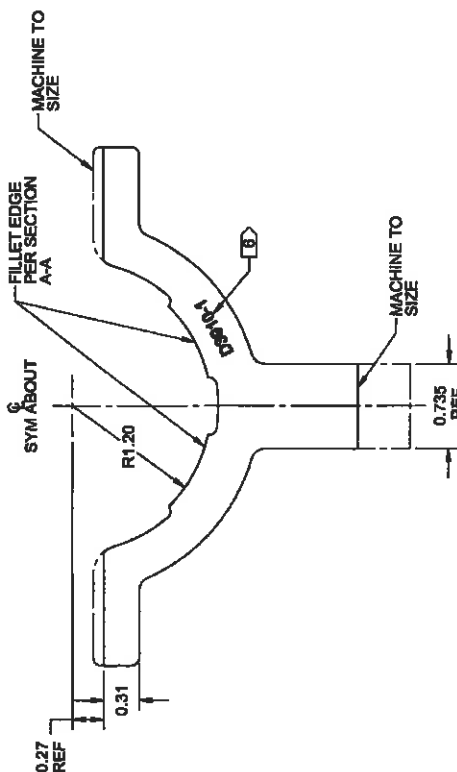
Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Crosstube Lug	4.450Inches $\pm$ 0.030	4.480 4.420		
2	Crosstube Lug	1.380Inches $\pm$ 0.030	1.410 1.350		
3	Crosstube Lug	0.270Inches $\pm$ 0.030	0.300 0.240	reference	
4	Crosstube Lug	0.310Inches $\pm$ 0.030	0.340 0.280		
5	Crosstube Lug	0.735Inches $\pm$ 0.010	0.745 0.725	reference	
6	Crosstube Lug	2.200Inches $\pm$ 0.030	2.230 2.170		
7	Crosstube Lug	0.375Inches $\pm$ 0.010	0.385 0.365		
8	Crosstube Lug	0.191Inches + 0.005 - 0.001	0.196 0.190	Diameter	
9	Crosstube Lug	0.380Inches $\pm$ 0.030	0.410 0.350	Radius	
10	Crosstube Lug	0.380Inches $\pm$ 0.030	0.410 0.350		
11	Crosstube Lug	0.625Inches $\pm$ 0.010	0.635 0.615		
12	Crosstube Lug	0.375Inches $\pm$ 0.010	0.385 0.365		
13	Crosstube Lug	3.700Inches $\pm$ 0.010	3.710 3.690		
14	Crosstube Lug	0.625Inches $\pm$ 0.010	0.635 0.615		
15	Crosstube Lug	0.375Inches $\pm$ 0.010	0.385 0.365		
16	Crosstube Lug	0.340Inches $\pm$ 0.030	0.370 0.310	Radius	

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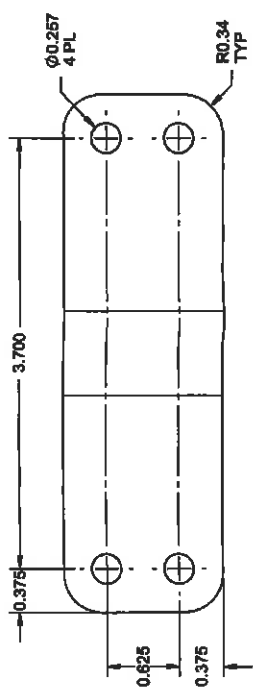
SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 702677 MJS
19-10-31



SECTION A-A



RELEASED
2014 JUN 05



D3910-1 X-TUBE LUG

DESIGN	A/S	DART AEROSPACE LTD
DRAWN	A/S	HAWKSBURY, ONTARIO, CANADA
CHECKED	A/S	DRAWING NO. D3910
MFG. APPR		SHEET 2 OF 5
APPROVED		TITLE X-TUBE LUG (350)
DE APPR		SCALE NTS
DATE	14.05.16	RIGHT RESERVED BY DART AEROSPACE LTD

Entered: _____ Date: _____

Date:

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only

Job: _____		DISPOSITION		DEPARTMENT/PROCESS										
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐		Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐				
Date :	Sequence #:		QTY Affected :		MRB (QS1042)									
Description Work Order Deviation			Disposition											
			Completed By											
			Lead hand / Supervisor											
			QC / QA Coordinator											
Root Cause			FAULT CATEGORY											
Operator ☐			Pressure/Forced ☐			Contamination ☐			Power Loss/Surge ☐			Positioned Wrong ☐		
Manufacturing Process ☐			Bending ☐			Misaligned/off center ☐			Folio/Program ☐			Outside Tolerance ☐		
Equip/Tooling ☐			Crushing ☐			BOM/Route ☐			Grain Direction ☐			Drawing ☐		
Handling/Preservation ☐			Cracks ☐			Broken/Damage/Defect ☐			Weld ☐			Finish ☐		
Material ☐			Crimp/Kink/Ripple/Wave/Twist ☐			Incomplete/Unclear Instructions ☐			Wrong Stock Pulled ☐			Part Lost/Missing ☐		
Product Improvement ☐			Marks/Chatter ☐			Drill Holes ☐			Out of Sequence ☐			Misread ☐		
Process Improvement ☐			Mislabeled ☐			Fit/Function ☐			Off-set/Set-up ☐					
Human Factors ☐			Other/Details:											



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044964



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044964

PO Date: 10/31/19

Due Date: 11/26/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments:

Items														
Line Item	Job	Part	Drawing	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	202627	D3910-1P	D3910 REV.E			Crosstube Lug : Various STC's As Per Dwg D3910 Rev. E Alodine and Paint as pe QSI 005	Firmed	-	11/26/19	40 pcs	0 pcs	40 pcs	\$17.40/pcs	\$696.00
2	202655	D4091-1P	D4091 Rev.A			Lug : Various STC's As Per Dwg D4091 Rev. A Alodine and Paint as Per QSI 005	Firmed	-	11/26/19	40 pcs	0 pcs	40 pcs	\$17.40/pcs	\$696.00
Grand Total:													\$1,392.00	



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Canada

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PURCHASE ORDER
POHB044964



Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

A handwritten signature in black ink, likely of Patrick Lussier, located at the bottom right of the order notes section.

Plex 10/31/19 2:06 PM dart.lussier.patrick

**METAL TECHNOLOGY INC.**

www.metec.ca | 20 Terry Fox Drive, Vankleek Hill, Ontario, Canada K0B 1R0 | Phone: +1 613-678-3957 Fax: +1 613-678-3956

Packing List

Bill **Dart Aerospace Ltd.**
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship **Dart Aerospace Ltd.**
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 26071
Shipment Date: 31-Oct-2019
Ship Via: Pick up at METEC
Order Number: 4359
Order Date: 10/31/2019

Customer Code: DART
Phone: (613) 632-9577
PO Number: POHB044964
Terms: Net 60 Days

Quantity								
Item	Open	Shipped	B/O	Canceled	Unit	Description	Revision	Job Number
1	40	40	0	0	EA	DART-D3910-1P Crosstube Lug, alodined and painted as per QSI 005	E	4359-01
2	40	40	0	0	EA	DART-D4091-1P Lug alodined and painted as per QSI 005	A	4359-02

RECEIVED
NOV 01 2019
DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
Dart Aerospace Ltd.

Page 1 of 1



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	Material Batch #	Paint Batch #	P.O. Number
40	D3910-1	Crosstube Lug	E	S187667	021708-1	HB044964
40	D4091-1	Lug	A	S187667	021957-1	HB044964

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, October 31, 2019